

AMENDMENTS TO THE CLAIMS

Upon entry of the amendment, the status of the claims will be as shown below. This listing of claims replaces all previous versions and listings of claims in the present patent application.

Listing of Claims

1. – 18. (Cancelled)

19. (New) A device which flexibly protects an ISMA media stream using MPEG-4 IPMP extension on an ISMA contents provider side, wherein

a tool list descriptor is buried in an IOD to represent a list of IPMP tools required for processing of the contents,

one of tools regulated in the tool list has a tool ID allocated to an ISMA encryption-decryption tool,

one of the tools regulated in the tool list has a tool ID allocated to a key management system (KMS) tool, and

the presence of any one of the two tools notifies the presence of ISMA encryption protection,

wherein the Tool List descriptor is read to the tool ID, if the Tool ID is identified as either ISMA Cryp decryption tool or KMS tool to determine that the ISMA media stream is protected by ISMA Cryp protection.

20. (New) The device according to claim 19, wherein
ISMA encryption protection is notified by using a tool list in an IOD,
an IPMP descriptor pointer for representing that a media stream is protected is buried in
an ES descriptor of the media stream, and
an IPMP descriptor referred by the IPMP descriptor pointer has a tool ID of an ISMA
encryption-decryption tool.